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(54) Title: **WATERPROOF AND BREATHABLE SOLE FOR SHOES**

(57) **Abstract:** Waterproof and breathable sole for shoes, having a structure that comprises: a mid-sole component (10, 110) with a membrane (11, 111) made of a material that is impermeable to water and permeable to water vapor and is connected in spots with a lower protective layer (14, 114) made of a material that is resistant to hydrolysis, water-repellent, breathable and/or perforated; a tread (15, 115) made of perforated elastomer that is joined perimetricaly and hermetically to the component (10, 110); said membrane (11, 111) being associated with said protective layer (14, 114) by way of a thermoreactive adhesive (13, 113).



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